

MEMO

To: Michael Torres, Remedial Project Manager, United States Environmental Protection Agency

From: Scott Lindenmuth, Technical Coordinator, SBA Shipyard PRP Group

CC: Beth Hesse, Project Coordinator, SBA Shipyard PRP Group
Tommy Doran, Louisiana Department of Environmental Quality
I-Jung Chiang, United States Environmental Protection Agency
Blake Atkins, United States Environmental Protection Agency

Date: May 15, 2019

Re: Bi-Monthly Progress Report #4; March – April 2019
Remedial Investigation/Feasibility Study
SBA Shipyard Superfund Site, Jennings, Jefferson Parish, Louisiana
EPA ID: LAD008434185

EHS Support LLC (“EHS Support”), on behalf of the SBA Shipyard Potentially Responsible Party (PRP) Group (PRP Group), is providing this Bi-Monthly Progress Report associated with Remedial Investigation (RI) and Feasibility Study (FS) activities being conducted at the SBA Shipyard Superfund Site located in Jennings, Jefferson Davis Parish, Louisiana (Site). This progress report is being provided in accordance with the Administrative Settlement Agreement and Order on Consent for RI/FS Study (Settlement Agreement) between the United States Environmental Protection Agency (USEPA) and PRP Group Respondents dated October 25, 2016; amended March 7, 2018.

Description of Actions Taken to Comply with Settlement Agreement

Project Work Performed in March and April 2019

Actions taken during March and April 2019 to comply with the Settlement Agreement consisted of implementing activities described in the RI/FS Work Plan, dated May 17, 2018 (Work Plan) and approved by USEPA on July 19, 2018, document submittal, and other administrative tasks.

Field Work

EHS Support personnel conducted aqueous baildown or slug tests at 13 groundwater monitoring wells on March 12 and March 13, 2019 to derive site-specific hydraulic conductivity values. Monitoring wells were purged to dryness using a submersible pump in 8 wells (MW-6, MW-7, and MW-9 through MW-14). Slug tests were conducted at 5 wells (MW-1, MW-3, MW-4, MW-5, and MW-8) using a solid slug decontaminated between wells. The transducers currently deployed in the wells were used to monitor groundwater recharge and/or equilibration to static levels in the monitoring wells. The recharge rate



from the baildown tests and equilibration rates will be utilized to calculate a hydraulic conductivity value at each monitoring well location.

EHS Support also provided oversight, on March 13, 2019, for the pickup of 31 drums of investigation derived waste from the initial RI sampling conducted in October and November 2018. The manifest for the drums transported to the disposal facility is provided as **Attachment 1**. A total of 15 drums of soil, 10 drums of groundwater and decontamination water, and 6 drums of acetate liners used for soil sampling were transported by Clean Harbors Environmental Services, Inc. to the disposal facility.

Document Submittal

No documents were submitted to USEPA or the Louisiana Department of Environmental Quality (LDEQ) in March or April 2019. However, correspondence regarding the Preliminary Site Characterization and Data Gap Assessment Technical Report (Tech Report) submitted in February 2019 and implementation of the recommendations in the Tech Report are discussed below.

Project Management, Communication and Reports

EHS Support, on behalf of the PRP Group, submitted a request to the USEPA and LDEQ on April 18, 2019, for approval to implement the recommendations provided in the Tech Report submitted to USEPA and LDEQ on February 8, 2019. The LDEQ and USEPA provided email approval to EHS Support on April 22, 2019 to collect additional sample data, as recommended in the Tech Report.

Results of Sampling and Tests

As noted above, the baildown and slug test results will be utilized to calculate hydraulic conductivity values for each monitoring well. These calculations are being completed and results will be provided in future technical reports, as appropriate.

Description of Work Planned for Next Two Months

As noted in Bi-Monthly Progress Report #3, the next groundwater sampling event (third of four planned events) was planned for early-May 2019 and was completed between May 6 and May 9, 2019. In order to efficiently and safely collect groundwater samples, a subcontractor was utilized to mow paths and clear the vegetation around each well to facilitate access to the monitoring wells. Sample results will be presented in the next Bi-Monthly Progress Report.

Additional soil, sediment, and surface water samples are scheduled to be collected between May 29 and June 7, 2019, as outlined in the February 8, 2019 Tech Report. EHS Support and subcontractors are scheduled to collect soil samples between May 28 and June 1, 2019. Sediment and surface water sampling will be completed between June 3 and June 7, 2019. All sampling will be performed in accordance with the recommendations in Tech Report. Methods and procedures for sample collection will be employed in accordance with the and the May 17, 2018 Work Plan, Field Safety Plan, Quality Assurance Project Plan, and project-specific Health and Safety Plan.



EHS Support has begun preparing the screening level ecological risk assessment (SLERA) and Work Plan for Human Health Risk Assessment documents using information collected during the fall 2018 field work. Forthcoming data to be collected during the May-June 2019 field work will also be incorporated into these documents.

A community meeting was held on May 9, 2019, in Jennings, Louisiana. USEPA, LDEQ, Louisiana Health Department, EHS Support, and members of the public attended this meeting.

Problems Encountered/Anticipated Delays

No problems or delays were encountered during this reporting period.

Please call Scott Lindenmuth at (312) 882-3705 or Beth Hesse at (828) 551-9067 if you have any questions regarding this progress report.



Attachment 1

Please print or type.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NONEREQUIRED	2. Page 1 of 1	3. Emergency Response Phone (800) 483-3718	4. Manifest Tracking Number 012691024 FLE	
5. Generator's Name and Mailing Address ENS Support 9040 Cactus Landing Road Jennings LA 70546 (800) 544-5219			Generator's Site Address (if different than mailing address) SAME			
6. Transporter 1 Company Name Clean Harbors Environmental Services, Inc.			U.S. EPA ID Number MAD039322250			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address Clean Harbors LaPorte, LLC 500 Independence Parkway South La Porte TX 77571			U.S. EPA ID Number TXD982290140			
Facility's Phone: (281) 884-5500						
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. NON HAZARDOUS, NON D.O.T. REGULATED, (GROUNDWATER)	10 DM 1000 P				OUTS2191
	2. NON HAZARDOUS, NON D.O.T. REGULATED	15 DM 1200 P				OUTS3191
	3. NON HAZARDOUS, NON D.O.T. REGULATED	6 DM 2400 P				OUTS4091
	4.					
14. Special Handling Instructions and Additional Information 2 CH1793623 3 CH1793687						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Offeror's Printed/Typed Name Mark Smith		Signature <i>[Signature]</i>		Month Day Year 10/13/19		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit: _____ Date leaving U.S.: _____				
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name Michael Washington		Signature <i>[Signature]</i>		Month Day Year 10/13/19		
Transporter 2 Printed/Typed Name		Signature		Month Day Year		
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
18b. Alternate Facility (or Generator)				Manifest Reference Number: _____ U.S. EPA ID Number		
Facility's Phone: _____				Month Day Year		
18c. Signature of Alternate Facility (or Generator)				Month Day Year		
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1. H141		2. H141		3. H141		4.
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
Printed/Typed Name		Signature		Month Day Year		